

## PAG L110 Time Battery

### Model No. 9302

PAGlok professional battery connector.

### Model No. 9302V

Sony V-Mount compatible battery connector.

### Model No. 9302A

PAG Snap-on compatible battery connector.

### Construction:

The casing for these models consists of high-impact poly-carbonate injection mouldings, featuring an internal cradle designed to protect the cells from impact damage. The cells have welded interconnections of low-resistance nickel strap. The batteries are sealed and non user-serviceable.

### Cells:

Premium grade Lithium-Ion sealed rechargeable cylindrical cells.

### Voltage:

14.8V nominal. The battery contains 12 cells connected in series/parallel. Each cell has a nominal voltage of 3.7V.

### Capacity:

Nominal 7.5 ampere-hours.

### Output Current:

Rated maximum continuous output current is 7.0 amperes.

### Operating Temperature Range:

Optimum discharge efficiency is achieved within the temperature range +10°C to +40°C.

### Battery Protection:

The battery incorporates the following safety shutdown systems:

- > 3 over-current shutdown systems.
- > 2 over-voltage shutdown systems.
- > 2 under-voltage shutdown systems.
- > 2 thermal shutdown systems (including non-resetting thermal fuse).

All electronic protection circuits within the battery are designed to withstand the leakage of electrolyte.

### Power & Time Display:

PAG L110 Time Batteries incorporate state-of-the-art low-power micro-electronic circuits, giving the user access to the battery state of charge and run-time information. The battery is able to display an accurate run-time prediction, against any given load, expressed in hours and minutes on the built-in Power & Time Display. It can also display capacity in ampere-hours in 0.1Ah increments, and percentage of remaining available capacity in 1% increments.

### Overall Dimensions:

	Height	Width	Depth
<b>PAGlok</b>	130mm (5.1")	86mm (3.4")	42mm (1.65")*
<b>V-Mount</b>	130mm (5.1")	86mm (3.4")	47mm (1.85")
<b>Snap-on</b>	130mm (5.1")	86mm (3.4")	52mm (2.00")

\*excluding PAGlok claws

### Weight:

<b>PAGlok</b>	745g	(1.64lbs)
<b>V-Mount</b>	745g	(1.64lbs)
<b>Snap-on</b>	760g	(1.67lbs)

NOTE: PAG L110 batteries are currently only available to UK customers.

## PAG ZL-Series Batteries

Model	Battery	Connector
9316	PAG ZL-150	PAGlok
9316V	PAG ZL-150	V-Mount compatible
9317	PAG ZL-125	PAGlok
9317V	PAG ZL-125	V-Mount compatible
9315	PAG ZL-50	PAGlok
9315V	PAG ZL-50	V-Mount compatible
9314	PAG ZL-NP	NP1 format

### Construction:

These batteries have welded cell interconnections of low-resistance nickel strap. The cases for these models consists of high-impact injection mouldings with an internal cradle feature designed to protect the cells from impact damage. The batteries are sealed and non user-serviceable.

### Cells:

Premium grade Nickel-Metal Hydride sealed rechargeable cylindrical cells.

### Voltage:

ZL-150, & ZL-50: 14.4V nominal (12 cells connected in series, nominal voltage 1.2V per cell).

ZL-125: 13.2V nominal (11 cells connected in series, nominal voltage 1.2V per cell).

ZL-NP: 13.2V nominal (11 cells connected in series, nominal voltage 1.2V per cell).

### Capacity:

ZL-150 10 Ampere-hours nominal.

ZL-125 125 Watt-hours nominal.

ZL-50 3.2 Ampere-hours nominal.

ZL-NP 3.0 Ampere-hours nominal.

### Output Protection:

ZL-Series batteries are protected against short circuit and excessive currents by means of a self-resetting protection device.

### Rated Maximum Continuous Output Current:

ZL-150, ZL-125 & ZL-NP: 8 Amperes

ZL-50: 7 Amperes

### Over-Temperature Protection:

ZL-150 and ZL-125 batteries are protected by means of a self-resetting thermal trip rated 71°C.

ZL-50 and ZL-NP batteries are protected by means of a non-resetting thermal fuse rated 98°C.

### Operating Temperature Range:

Optimum discharge efficiency is achieved within the temperature range 10°C to +40°C.

### Power & Time Display:

The ZL-125 battery incorporates state-of-the-art low-power micro-electronic circuits, giving the user access to the battery state of charge and run-time information. The battery is able to display an accurate run-time prediction, against any given load, expressed in hours and minutes on the built-in Power & Time Display. It can also display capacity in ampere-hours in 0.1Ah increments, and percentage of remaining available capacity in 1% increments.

### State of Charge Indication:

ZL-50 and ZL-NP batteries incorporate an LED-array charge indicator.

### Overall Dimensions and Weights:

Model	Battery	Dimensions (H x W x D)	Weight
9316	ZL-150	208 x 125 x 44mm*	2.35kg
9316V	ZL-150	208 x 125 x 52mm	2.35kg
9317	ZL-125	208 x 125 x 44mm*	2.20kg
9317V	ZL-125	208 x 125 x 52mm	2.20kg
9315	ZL-50	130 x 86 x 42mm*	0.88kg
9315V	ZL-50	130 x 86 x 47mm	0.88kg
9314	ZL-NP	182 x 71 x 25mm	0.73kg

\* excluding PAGlok claws